



Intellectual
Property Law

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Commissioner for Patents
PO Box 1450
Alexandria VA 22313-1450

October 17, 2003

Art Unit: 1742
Examiner: Nicolas, Wesley A.

Re: Application of Thomas J. Pearsall et al
Application Number: 09/875,301
Filed: 6/6/2001
Title: "Spinning Rotor"

Sir:

This is in response to the Official Action of July 25, 2003.

Election

The undersigned applicant's attorney does not know attorney Todd Patterson, but has checked his file and records about an election. Applicant's attorney acknowledges that the Examiner spoke to him on July 17, 2003 and that an election was made over the phone. This will confirm the election to prosecute claims 1-14, which Examiner has defined as invention I.

Amendments

Please amend claim 1 as follows:

1. (Currently Amended) Method of making a wear-resistant spinning rotor cup comprising forming a hard coating on an interior surface of an incipient spinning rotor cup by (i) immersing said incipient spinning rotor in an electrolytic bath comprising a passivating agent and an electrolytic agent, wherein said passivating agent comprises a colloidal suspension of sodium silicate in the form $\text{Na}_2\text{O} \cdot x\text{SiO}_2$ ($x \geq 2.55$ by weight), and (ii) passing a modified shaped-wave alternating electric current from a source of 250 to 800 volts through said interior surface of said incipient spinning rotor, wherein said modified shaped-wave electric current rises from zero to its maximum height and